

**P2 E-News, Volume 1, Number 1
September 2006**

Welcome to P2 E-News!!!!

To help interested parties with timely and useful information regarding **pollution prevention (P2)**, the Department of Toxic Substances Control (DTSC), Office of Pollution Prevention and Technology Development (OPPTD) is test-running a new P2 email newsletter. OPPTD will send out **P2 E-News** by email with information and website links on upcoming P2-related events, workshops, publications, training, funding opportunities, and other items of interest.

Want to continue to receive **P2 E-News**? Then please subscribe using the DTSC Listserv webpage at <http://www.calepa.ca.gov/Listservs/dtsc/>. Scroll down to DTSC **P2 E-News** and click on Subscribe.

And let us know what you think about **P2 E-News**! Send your comments or suggestions on how we can better serve you to P2@dtsc.ca.gov, or call the Pollution Prevention Hotline at (800) 700-5854.

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**What is Pollution Prevention or P2 ?**

At its heart, P2 asks everyone to seriously consider source reduction as the preferred method of managing pollutants and waste, including hazardous waste. Source reduction means making changes in practices that reduce or eliminate the creation of waste (i.e., changes in raw materials, production process, operation or management, and product reformulation or substitution). Source reduction helps avoid creating pollution in the first place and it reduces waste management costs and liability, thereby saving businesses and the public precious resources and money. Source reduction also provides the very best protection for public health and the environment since it helps limit new or continuing sources of pollution.

However, when source reduction is not possible, the next best methods to prevent pollution are to reuse or recycle waste materials. If reuse or recycling is not feasible, waste should be treated in an environmentally safe and sound fashion. Sending waste off for disposal should be done only when there are no other reasonable options for source reduction, reuse, recycling, or treatment.

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******National Pollution Prevention (P2) Week - September 18 - 24, 2006******

DTSC CELEBRATES NATIONAL P2 WEEK

As part of National P2 Week 2006, DTSC is holding a P2 media event on September 19 at the California and World Ocean Conference in Long Beach. The event will highlight the efforts of major businesses and trade organizations that have embraced P2 by adopting voluntary pollution prevention programs.

Cal/EPA Secretary Linda Adams will present letters of recognition to the following P2 leaders: the California State Automobile Association (AAA), the California Auto Body Association, Catholic Healthcare West, the Chemical Industry Council of California, Kaiser Permanente, the Marina Recreation Association of California, Toyota, and the Western States Petroleum Association.

For more information on this recognition event, visit the DTSC website at http://www.dtsc.ca.gov/PollutionPrevention/upload/P2_conference1.pdf.

For more information on the California and World Ocean Conference, visit the California Resources Agency's webpage at <http://resources.ca.gov/ocean/cwo06/invitation.htm>.

RESOURCES FOR NATIONAL P2 WEEK 2006

Here's a chance to support (or start planning) a local P2 effort! The goal of National P2 Week 2006 is to help make businesses, government agencies, and citizens/consumers more aware of the need for preventing pollution and to provide information and resources on ways and opportunities to practice P2. Posters, flyers, and resource information to help you get started are available on the DTSC website at:

http://www.dtsc.ca.gov/PollutionPrevention/index.cfm#National_Pollution_Prevention_Week_2006_-_September_18-24,_2006

Remember, National P2 Week starts September 18...but you can practice P2 every day!

Get Involved Today.....The Future Is Now!!!

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### **Emerging Issue - Nanotechnology**

Nanotechnology is the field of applied science that is focused on the design, synthesis, characterization and application of materials and devices on the molecular or nanoscale. A nanometer (nm) is one billionth of a meter. For comparison, a single human hair is about 80,000 nm wide, a red blood cell is approximately 7,000 nm wide and a water molecule is almost 0.3nm across. The understanding and control of matter at the nanoscale is of interest because a material's properties at the nanoscale can be very different from those at a larger scale.

Due to the unique properties of nanomaterials, USEPA, DTSC, and other government and industry groups are currently working to understand and communicate the ethical, environmental and societal implications of nanotechnology. For more information on nanotechnology, please visit the DTSC Nanotechnology webpage at <http://www.dtsc.ca.gov/TechnologyDevelopment/Nanotechnology.cfm>.

\*\*DTSC is planning to hold a Nanotechnology Educational Symposium in February or March of 2007. Check the DTSC Nanotechnology webpage in the coming months for more information.

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Western Regional P2 Network (WRPPN) Conference 2006

October 10-12, 2006
San Diego, California

Come join the P2 advocates in USEPA Region IX and celebrate ten years of learning, sharing, and networking! Technical sessions include the following topics: Emerging P2 Technology; Children's Health; P2 in Pharmaceuticals; Alternative Fuels; Green Procurement; and much more! Training sessions include P2 101; Multi-media/Cross-Training for Inspectors; P2 for Auto Body and Paint Shops; and more.

Conference cost: before Sept. 16 = \$325; after Sept. 16 = \$375; and onsite registration = \$395.

For conference registration, agenda, and hotel information, please visit the WRPPN website at <http://www.wrppn.org/Conf06/home.cfm> or call Ed Gonzalez at (702) 866-2390.

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**DTSC Green Chemistry Symposium**

October 24, 2006, 9am - noon  
Cal/EPA Building  
Sacramento, California

What is Green Chemistry? and what does it mean for California? for the nation? and for industry?

DTSC is sponsoring a free informational symposium on Green Chemistry to discuss these questions and more. Representatives from government, universities, and industry will make presentations at this basic introduction to Green Chemistry. Agenda topics include: What is Green Chemistry; How California can take a Leadership Role in Chemicals Policy; Green Chemistry in California Industries; USEPA Green Chemistry Programs; and a legislative update.

The workshop is open to the public and will also be webcast. Pre-registration is required for onsite attendance to accommodate building security. A draft agenda is currently available on the DTSC Green Chemistry webpage at <http://www.dtsc.ca.gov/PollutionPrevention/GreenChemistry.cfm>. Please check the webpage in mid to late September for registration information, or call Stan Lau at (916) 323-9617.

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******Boating and Marina P2 Projects******

BOATING CLEAN AND GREEN CAMPAIGN

Warm summer and fall days lead to increased boating throughout California. For help with P2 issues associated with boating and marinas, check out an innovative program called the Boating Clean and Green Campaign at: <http://www.coastal.ca.gov/ccbn/ccbndx.html>.

The Boating Clean and Green Campaign is co-sponsored by the California Coastal Commission and the California Department of Boating and Waterways to promote environmentally-sound boating practices to marine businesses and boaters in California. The Campaign educates boaters about environmentally-sound boating practices while assisting marinas and local governments in identifying and installing pollution prevention services for boaters. The Campaign website provides useful P2 information, resources and publications, including the California Clean Marina Toolkit: a Resource for Environmentally-Sound Marina Management and Operation.

***When you visit the Coastal Commission webpage, be sure to check out the CoastWeeks information at <http://www.coastal.ca.gov/publiced/coastweeks/coastweeks.html>. CoastWeeks - September 16 through October 8, 2006 - celebrate our coastal resources and include activities statewide to help keep our coasts and inland waterways clean and healthy.

DTSC MARINE VESSEL SERVICE AND REPAIR PROJECT

To further support P2 efforts at marinas and boatyards, DTSC recently started a new program called the Marine Vessel Service and Repair (MVSr) Project. The MVSr project focuses on the

development of P2 best management practices (BMPs) for marinas and boatyard repair facilities. Staff is currently conducting site visits to research the types of maintenance activities, waste streams, and P2 opportunities at marinas and boatyards throughout California. DTSC will post MVSR Fact Sheets, training classes, and other resources on the DTSC Pollution Prevention webpage as soon as the information is available.

For more information on the MVSR Project, contact Melissa Salinas at (916) 322-7636.

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**\*\*\*\*Universal Waste Recycling and Management \*\*\*\***

### **CALIFORNIA TAKE-IT-BACK PARTNERSHIP**

The California Take-It-Back Partnership is a new and innovative collaboration between government and business to help provide convenient and safe ways for consumers to dispose of everyday hazardous wastes such as batteries, fluorescent lamps, and electronic devices. These universal waste items contain toxins such as lead, cadmium, zinc, and corrosive substances and therefore cannot be thrown into the regular household or municipal trash. To make disposal of these items more convenient, the program fosters consumer drop-off of select items at local retail stores for proper recycling or disposal.

For more information on the program, please visit the DTSC website at:  
<http://www.dtsc.ca.gov/HazardousWaste/UniversalWaste/TIB.cfm>.

For more information on the proper management of universal waste such as batteries, fluorescent lamps, computers and electronic waste, visit the DTSC Universal Waste webpage at:  
<http://www.dtsc.ca.gov/HazardousWaste/UniversalWaste/index.cfm>.

### **NEW LAW FOR RECYCLING CELL PHONES**

Effective July 1, 2006, the Cell Phone Recycling Act of 2004 makes it easier for consumers to recycle used cellular phones. The law affects both cellular phone retailers and consumers, and requires retailers to develop and implement a system, at no cost to the consumer, to accept and collect used cell phones for reuse, recycling, or proper disposal.

For more information on the law, please visit the DTSC webpage at  
[http://www.dtsc.ca.gov/HazardousWaste/EWaste/upload/HWMP\\_FS\\_AB2901.pdf](http://www.dtsc.ca.gov/HazardousWaste/EWaste/upload/HWMP_FS_AB2901.pdf).

### **NATIONAL MERCURY SWITCH REMOVAL PROGRAM AGREEMENT**

On August 11, 2006, USEPA announced a national program that, together with existing state mercury switch recovery efforts, will significantly reduce mercury air emissions from the fourth leading source in the United States - the furnaces used in steel making. The National Vehicle Mercury Switch Recovery Program is designed to remove mercury-containing light switches from scrap vehicles before the vehicles are flattened, shredded, and melted to make new steel. The program will also include outreach and education for auto dismantlers on proper removal, collection, and management of mercury switches, and provide for recordkeeping and accountability of mercury recovery.

For more information on this program, visit the USEPA website at:  
<http://www.epa.gov/mercury/switch.htm>.

See the DTSC Director's comments on the agreement at  
[http://www.dtsc.ca.gov/PressRoom/upload/NEWS\\_2006\\_T-481.pdf](http://www.dtsc.ca.gov/PressRoom/upload/NEWS_2006_T-481.pdf).

For more information on the California requirements for managing mercury switches from vehicles and appliances, visit the DTSC website at:  
[http://www.dtsc.ca.gov/HazardousWaste/Mercury/index.cfm#Managing\\_Mercury\\_Switches\\_from\\_Vehicles\\_and\\_Appliances\\_Under\\_SB\\_633](http://www.dtsc.ca.gov/HazardousWaste/Mercury/index.cfm#Managing_Mercury_Switches_from_Vehicles_and_Appliances_Under_SB_633).

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DTSC Technical Resource Center in the Cal/EPA Library

Did you know that DTSC has a Technical Resource Center in the Cal/EPA Library that is open to the public? The DTSC Technical Reference Center serves as a source of information on a wide variety of topics in the field of hazardous waste, such as: pollution prevention, source reduction, new technologies, contaminated groundwater, soil remediation, life-cycle assessment, and hazardous waste management. Materials available include commercial publications, government reports, videos, and various electronic documents.

The DTSC Technical Reference Center is open to Cal/EPA staff and the general public. For more information on library hours, location and contacts, visit the Cal/EPA Library webpage at:
<http://www.calepa.ca.gov/library/contacts.htm>.

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